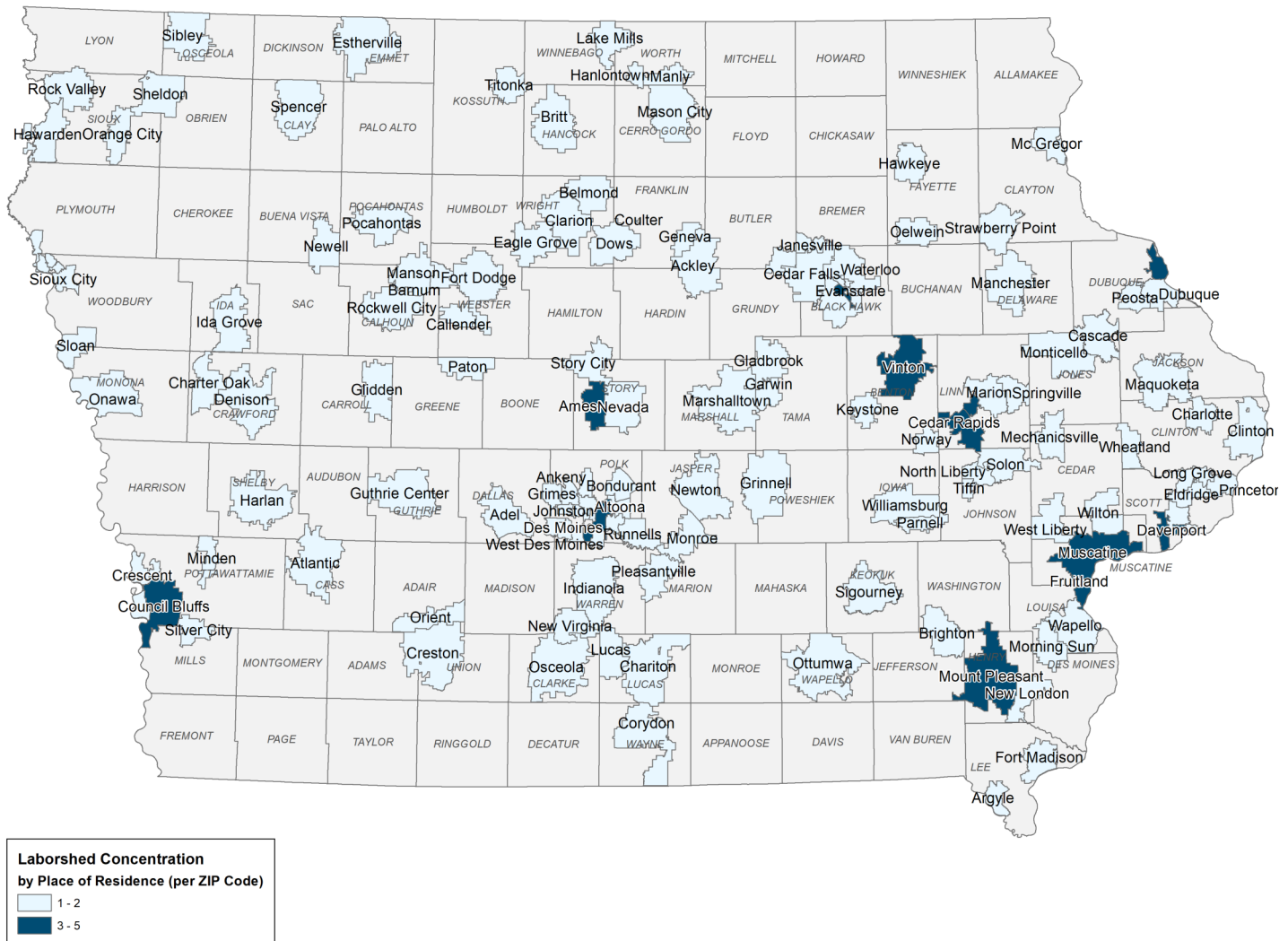


LABOR CHARACTERISTICS

INSTALLATION, MAINTENANCE, & REPAIR

STATE OF IOWA LABORSHED AREA

CONCENTRATION OF RESPONDENTS WITHIN THE LABORSHED AREA WITH TRANSFERABLE EXPERIENCE/SKILLS BY PLACE OF RESIDENCE



Workers who have transferable experience/skills in the industry are currently commuting an average of 17 miles one way for work. Those who are likely to change/accept employment are willing to commute an average of 29 miles one way for the right employment opportunity.

FOR MORE INFORMATION REGARDING THE STATE OF IOWA, IA LABORSHED, CONTACT:

LABOR CHARACTERISTICS

INSTALLATION, MAINTENANCE, & REPAIR

ESTIMATED AVAILABLE LABOR PER OCCUPATIONAL CATEGORY:

- Aircraft Mechanics & Service Technicians - 1.03%
- Automotive Body & Related Repairers - 1.03%
- Automotive Service Technicians & Mechanics - 20%
- Avionics Technicians - 0.51%
- Bus & Truck Mechanics & Diesel Engine Specialists - 2.56%
- Electric Motor, Power Tool, & Related Repairers - 1.03%
- Electrical Power-Line Installers & Repairers - 5.13%
- Heating, Air Conditioning, & Refrigeration Mechanics & Installers - 3.08%
- Home Appliance Repairers - 0.51%
- Industrial Machinery Mechanics - 1.54%
- Installation, Maintenance, & Repair Workers - 40%
- Maintenance Workers, Machinery - 1.54%
- Millwrights - 2.56%
- Mobile Heavy Equipment Mechanics, Except Engines - 0.51%
- Rail Car Repairers - 0.51%
- Security & Fire Alarm Systems Installers - 0.51%
- Supervisors of Mechanics, Installers, & Repairers - 13.33%
- Telecommunications Equipment Installers & Repairers - 1.03%
- Telecommunications Line Installers & Repairers - 3.08%
- Tire Repairers & Changers - 0.51%

UNDEREMPLOYMENT (ESTIMATED):

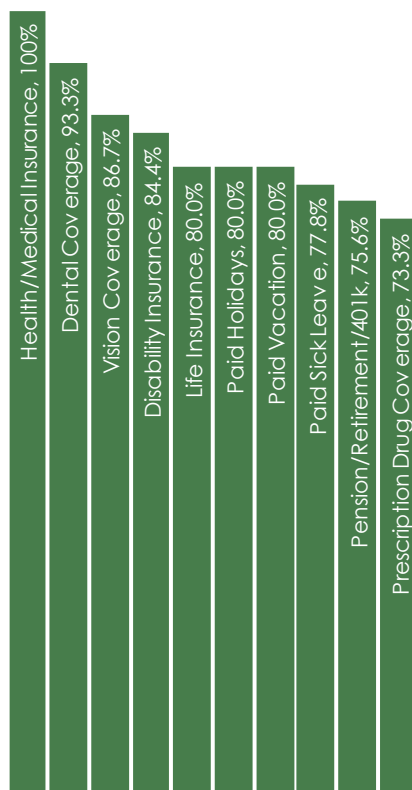
- Low hours - 0.0%
- Low income - 0.5%
- Mismatch of skills - 2.6%
- Total - 2.6%

(Individuals counted only once when estimating Total Underemployment.)

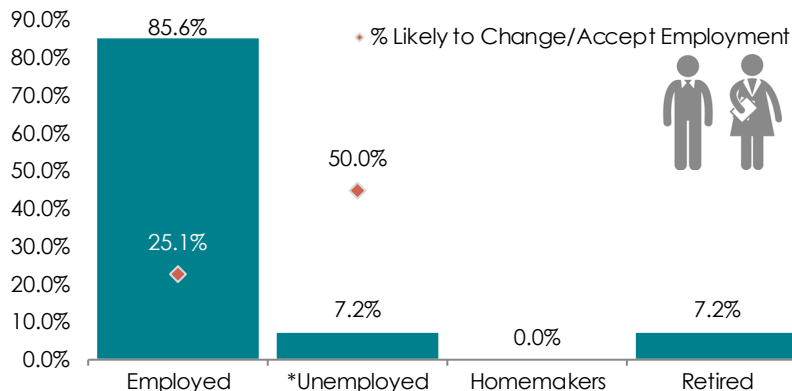
CURRENT BENEFITS:



DESIRED BENEFITS:



ESTIMATED TOTAL BY EMPLOYMENT STATUS (PERCENTAGE):



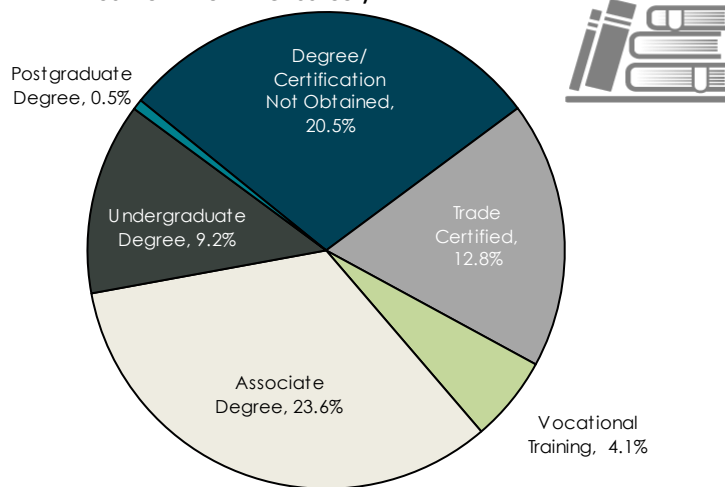
*Employment status is self-identified by the survey respondent. The unemployment percentage does not reflect the unemployment rate published by the U.S. Bureau of Labor Statistics, which applies a stricter definition.

EMPLOYMENT STATS:

- 75.5% paid an hourly wage
- 95.9% are/were employed full-time
- 4.1% are/were employed part-time
- 5.7% are/were self-employed
- 16.9% hold two or more jobs
- Currently working an average of 46 hours/week

EDUCATIONAL LEVEL:

(70.7% HAVE AN EDUCATION BEYOND HIGH SCHOOL)



TOP JOB SEARCH RESOURCES:

(For those seeking employment opportunities, by use.)

- Internet - 65.7%
 - www.indeed.com
 - www.monster.com
 - www.craigslist.org
- Networking through friends, family or acquaintances - 25.8%
- IowaWORKS Centers - 16.3%
- Newspapers - 14.0%

WORKPLACE FLEXIBILITY:

(by percent of interest)

- Cross-training - 75.0%
- Job teams - 70.5%
- Varied shifts - 37.8%
- Job sharing - 34.1%
- Seasonal work - 38.3%
- Temporary work - 34.0%

LABOR CHARACTERISTICS

INSTALLATION, MAINTENANCE, & REPAIR

OCCUPATION	OCCUPATIONAL CODE	MEAN WAGE	ENTRY WAGE	EXPERIENCED WAGE	MEDIAN WAGE	MEAN ANNUAL SALARY
Aircraft Mechanics and Service Technicians	49-3011	\$26.89	\$17.72	\$31.48	\$25.75	\$55,938
Automotive Body and Related Repairers	49-3021	\$20.06	\$14.05	\$23.07	\$18.80	\$41,726
Automotive Glass Installers and Repairers	49-3022	\$16.26	\$12.54	\$18.12	\$15.94	\$33,823
Automotive Service Technicians and Mechanics	49-3023	\$19.89	\$12.84	\$23.41	\$19.32	\$41,364
Bicycle Repairers	49-3091	\$13.42	\$9.92	\$15.17	\$13.09	\$27,916
Bus and Truck Mechanics and Diesel Engine Specialists	49-3031	\$20.67	\$14.09	\$23.97	\$20.24	\$43,002
Coin, Vending, and Amusement Machine Servicers and Repairers	49-9091	\$15.77	\$11.45	\$17.93	\$15.07	\$32,807
Computer, Automated Teller, and Office Machine Repairers	49-2011	\$19.15	\$13.06	\$22.20	\$18.41	\$39,838
Control and Valve Installers and Repairers, Except Mechanical Door	49-9012	\$30.36	\$21.63	\$34.73	\$31.66	\$63,153
Electric Motor, Power Tool, and Related Repairers	49-2092	\$20.94	\$14.41	\$24.21	\$21.02	\$43,562
Electrical and Electronics Repairers, Commercial and Industrial Equipment	49-2094	\$27.56	\$23.00	\$29.85	\$27.99	\$57,332
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	49-2095	\$35.96	\$29.12	\$39.38	\$36.22	\$74,790
Electrical Power-Line Installers and Repairers	49-9051	\$33.43	\$22.03	\$39.13	\$34.89	\$69,543
Electronic Equipment Installers and Repairers, Motor Vehicles	49-2096	\$15.16	\$11.20	\$17.13	\$15.76	\$31,527
Electronic Home Entertainment Equipment Installers and Repairers	49-2097	\$20.13	\$15.18	\$22.61	\$18.38	\$41,876
Farm Equipment Mechanics and Service Technicians	49-3041	\$21.22	\$15.73	\$23.96	\$21.00	\$44,131
First-Line Supervisors of Mechanics, Installers, and Repairers	49-1011	\$31.56	\$20.66	\$37.01	\$31.00	\$65,646
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	49-9021	\$24.68	\$16.69	\$28.67	\$24.37	\$51,329
Helpers--Installation, Maintenance, and Repair Workers	49-9098	\$14.24	\$10.08	\$16.33	\$13.99	\$29,624
Home Appliance Repairers	49-9031	\$19.46	\$14.14	\$22.12	\$18.67	\$40,468
Industrial Machinery Mechanics	49-9041	\$24.30	\$17.92	\$27.49	\$24.02	\$50,542
Installation, Maintenance, and Repair Workers, All Other	49-9099	\$20.59	\$13.50	\$24.14	\$21.14	\$42,827
Locksmiths and Safe Repairers	49-9094	\$19.38	\$10.93	\$23.61	\$18.02	\$40,319
Maintenance and Repair Workers, General	49-9071	\$19.96	\$13.13	\$23.38	\$19.43	\$41,520
Maintenance Workers, Machinery	49-9043	\$21.83	\$16.31	\$24.58	\$20.88	\$45,398
Manufactured Building and Mobile Home Installers	49-9095	\$16.12	\$14.35	\$17.00	\$16.82	\$33,521
Mechanical Door Repairers	49-9011	\$19.97	\$15.18	\$22.37	\$18.69	\$41,538
Medical Equipment Repairers	49-9062	\$20.72	\$14.28	\$23.94	\$18.55	\$43,102
Millwrights	49-9044	\$24.62	\$17.10	\$28.39	\$24.96	\$51,216
Mobile Heavy Equipment Mechanics, Except Engines	49-3042	\$24.59	\$18.12	\$27.82	\$24.44	\$51,145
Motorboat Mechanics and Service Technicians	49-3051	\$18.62	\$15.20	\$20.33	\$17.57	\$38,727
Motorcycle Mechanics	49-3052	\$16.57	\$11.43	\$19.14	\$16.53	\$34,470
Musical Instrument Repairers and Tuners	49-9063	\$20.45	\$9.22	\$26.06	\$15.85	\$42,535
Outdoor Power Equipment and Other Small Engine Mechanics	49-3053	\$16.83	\$11.03	\$19.72	\$16.49	\$34,996
Precision Instrument and Equipment Repairers, All Other	49-9069	\$25.13	\$18.67	\$28.36	\$25.37	\$52,270
Radio, Cellular, and Tower Equipment Installers and Repairers	49-2021	\$23.37	\$16.85	\$26.63	\$22.59	\$48,605
Rail Car Repairers	49-3043	\$23.40	\$17.34	\$26.43	\$22.29	\$48,677
Recreational Vehicle Service Technicians	49-3092	\$18.48	\$13.63	\$20.90	\$17.75	\$38,435
Refractory Materials Repairers, Except Brickmasons	49-9045	\$22.06	\$18.38	\$23.90	\$22.02	\$45,886
Riggers	49-9096	\$21.61	\$16.44	\$24.19	\$20.55	\$44,945
Security and Fire Alarm Systems Installers	49-2098	\$23.49	\$17.50	\$26.48	\$23.93	\$48,855
Telecommunications Equipment Installers and Repairers, Except Line Installers	49-2022	\$25.22	\$16.23	\$29.72	\$24.97	\$52,467
Telecommunications Line Installers and Repairers	49-9052	\$25.22	\$17.41	\$29.13	\$24.77	\$52,461
Tire Repairers and Changers	49-3093	\$14.82	\$10.75	\$16.85	\$14.37	\$30,821
Watch Repairers	49-9064	\$19.81	\$9.37	\$25.02	\$21.79	\$41,199
Wind Turbine Service Technicians	49-9081	\$29.31	\$19.31	\$34.31	\$27.72	\$60,957

The 2019 Iowa Wage data for the State of Iowa Laborshed area was produced by the Labor Force & Occupational Analysis Bureau to provide communities local information on wages by occupation. The source of the wage and employment data is based on the May 2018 OES estimates. Additional occupational wage and employment data can be found at www.iowalmi.gov/laborshed.